



TABLE 8.1-1.-AIR POLLUTION CONTROL SYSTEMS (APCS) AND THEIR CONSERVATIVELY ESTIMATED EFFICIENCIES FOR CONTROLLING TOXIC METALS (%)

APCS	Metal Volatility		
	Nonvolatile	Volatile	Very Volatile
WS	40	30	20
VS-20	80	75	20
VS-60	87	75	40
ESP-1	90	75	0
ESP-2	92	80	0
ESP-4	95	80	0
WESP	90	85	40
FF	90	80	0
SD/FF	97	90	0
DS/FF	95	90	0
IWS	90	87	75

WS= Wet Scrubber including: Sieve Tray Tower, Packed Tower, Bubble Cap Tower

VS-20= Venturi Scrubber, ca. 20-30 in W.G. Δp

VS.60= Venturi Scrubber, ca. >60 in W.G. Δp

ESP-1= Electrostatic Precipitator; 1 stage

ESP-2 = Electrostatic Precipitator; 2 stage

ESP-4 = Electrostatic Precipitator; 4 stage

IWS= Ionizing Wet Scrubber

DS= Dry Scrubber

FF= Fabric Filter (Baghouse)

SD= Spray Dryer (Wet/Dry Scrubber)

WESP= Wet Electrostatic Precipitator